*LIGO Laboratory / LIGO Scientific Collaboration*

LIGO-E1300387-v1 *LIGO* 5/13/13

Install Manifold/Cryo Baf LLO ETM X Test

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of the LIGO Laboratory.

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**Abstract**

This document presents the data for the LLO ETM X Manifold/Cryo Baffle Installation Acceptance Test.

# Introduction

This document presents the data for the LLO ETM X Manifold/Cryo Baffle Installation Acceptance Test.

# Acceptance Tests

12.9 in



Figure : Manifold/Cryo Baffle placed 2.0 in away from A1 Adapter at End Station



Pendulum Rod

Blade Spring

Figure : Close up of Blade Spring and 2-Wire Pendulum Suspension Mechanism



Fixed Weights

Outer Support Ring

Magnets

Cu Plate

Balance Weights

Figure : Magnet Gap and Balance Weights

## X-Arm Manifold-Cryopump Baffle Alignment Test & Exit Check List

